

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------------------------------------|----------------------------------------------------------------------------|------------------|---------|------------------|
| L1 | 21 | (channel adj estimat\$3) same (pre adj equaliz\$5) | US-PGPUB; USPAT | OR | ON | 2006/11/14 09:24 |
| L2 | 28 | (channel adj estimat\$3) same (pre adj equaliz\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 10:04 |
| L3 | 50 | (channel near3 estimat\$3) same (pre adj equaliz\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 10:04 |

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| L1 | 36 | (pre adj equaliz\$5) same noise same (add or addition or sum or summation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 14:31 |
| L2 | 39 | precoding same (noise or impair\$4) same (add or addition or sum or summation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 14:54 |
| L3 | 297 | (channel near3 estimat\$3) same ((gaussian or noise or impair\$4) with (add or addition or sum or summation)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 14:56 |
| L4 | 2277 | precoding or pre-equaliz\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 14:56 |
| L5 | 11 | 3 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 14:56 |

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| L1 | 51 | ((pre adj equaliz\$5) or (pre adj coding)) same (white or gaussian or random) | US-PGPUB; USPAT | OR | ON | 2006/11/14 15:53 |
| L2 | 0 | (pre adj equaliz\$5) same (noise adj generator) | US-PGPUB; USPAT | OR | ON | 2006/11/14 15:53 |
| L3 | 9 | (pre adj equaliz\$5) and (noise adj generator) | US-PGPUB; USPAT | OR | ON | 2006/11/14 15:58 |
| L4 | 8 | (pre adj equaliz\$5) same (white adj noise) | US-PGPUB; USPAT | OR | ON | 2006/11/14 15:58 |



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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **Sum capacity of Gaussian vector broadcast channels**
Wei Yu; Cioffi, J.M.;
[Information Theory, IEEE Transactions on](#)
Volume 50, Issue 9, Sept. 2004 Page(s):1875 - 1892
Digital Object Identifier 10.1109/TIT.2004.833336
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(384 KB) IEEE JNL
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- ☐ 2. **A vector-perturbation technique for near-capacity multiantenna multiuser communication-part II: perturbation**
Hochwald, B.M.; Peel, C.B.; Swindlehurst, A.L.;
[Communications, IEEE Transactions on](#)
Volume 53, Issue 3, March 2005 Page(s):537 - 544
Digital Object Identifier 10.1109/TCOMM.2004.841997
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(496 KB) IEEE JNL
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- ☐ 3. **Analysis of different precoding/decoding strategies for multiuser beamforming**
Boche, H.; Schubert, M.;
[Vehicular Technology Conference, 2003. VTC 2003-Spring](#). The 57th IEEE Se
Volume 1, 22-25 April 2003 Page(s):39 - 43 vol.1
Digital Object Identifier 10.1109/VETECS.2003.1207497
[AbstractPlus](#) | Full Text: [PDF](#)(380 KB) IEEE CNF
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- ☐ 4. **Multiuser MIMO systems and interference avoidance**
Popescu, D.C.; Rose, C.;
[Acoustics, Speech, and Signal Processing, 2003. Proceedings. \(ICASSP '03\). International Conference on](#)
Volume 4, 6-10 April 2003 Page(s):IV - 828-31 vol.4
[AbstractPlus](#) | Full Text: [PDF](#)(341 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ 5. **Microscopic antenna diversity techniques for equalized and precoded wireless communications**
Badra, R.E.; Daneshmand, B.;
[Wireless Communications and Networking Conference, 1999. WCNC. 1999 IE](#)
21-24 Sept. 1999 Page(s):873 - 877 vol.2
Digital Object Identifier 10.1109/WCNC.1999.796796

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IEE JNL IEE Journal or Magazine

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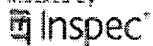
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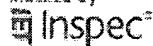
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